

WHAT IS CLAIMED IS:

1. A method for displaying an information of updating a basic input output system (BIOS) of a computer system, wherein said computer system having a specific configuration is initialized by a computer program stored in a basic input output system (BIOS) memory, comprising:

(a) interrupting said computer program in response to a first triggered signal;

(b) loading an indexing data;

(c) obtaining at least a file information of a basic input output system (BIOS) file and at least a directory information of a directory via an algorithm operation mathematical calculus according to said indexing data;

(d) displaying said at least a file information and said at least a directory information;

(e) selecting a demanded basic input output system (BIOS) file from said at least a file information and said at least a directory information; and

(f) reprogramming said demanded basic input output system (BIOS) file into said basic input output system (BIOS) memory by means of executing a burn-in program.

2. The method according to claim 1, wherein said basic input output system (BIOS) memory is an electrically erasable programmable nonvolatile memory (EEPROM).

3. The method according to claim 1, wherein said electrically erasable programmable nonvolatile memory (EEPROM) is a flash memory.

4. The method according to claim 1, wherein said first triggered signal is produced by means of pushing a hot key.

5. The method according to claim 1, wherein said hot key is disposed on a basic input output unit.

6. The method according to claim 1, wherein said basic input output unit is a keyboard.

7. The method according to claim 1, wherein said indexing data is stored in a storage device.
8. The method according to claim 7, wherein said indexing data is one selected from a group consisting of a file allocation table (FAT), a root directory, a file description block and a relative index of a medium.
9. The method according to claim 7, wherein said storage device is one selected from a group consisting of a floppy disk (FD), a hard disk (HD), a compact disk (CD), a ZIP disk, an LS-120 disk and a tape.
10. The method according to claim 7, wherein said algorithm operation is a relative operation of said storage device.
11. The method according to claim 1, wherein said burn-in program is stored in a storage device.
12. The method according to claim 1, wherein said step (d) further comprises steps of:
  - (d1) deleting an unused file of said storage device and storing another basic input output system file to said storage device in response to a second triggered signal; and
  - (d2) redisplaying said at least a file information and said at least a directory information.
13. The method according to claim 1 further comprising a step of:
  - (g) rebooting said computer system and executing said reprogrammed computer program for initializing said computer system.
14. The method according to claim 1, wherein said file information includes a file name, a file size and a stored date of said basic input output system (BIOS) file.
15. The method according to claim 1, wherein said first triggered signal is a data defined by said computer program stored in said basic input output system (BIOS) memory.
16. A method for updating a basic input output system (BIOS) of a computer

system having a specific configuration and being initialized by a computer program stored in a basic input output system (BIOS) memory, comprising:

(a) interrupting said computer program in response to a first triggered signal;

(b) loading an indexing data;

(c) obtaining at least a file information of a basic input output system (BIOS) file and at least a directory information of a directory via an algorithm operation according to said indexing data;

(d) displaying said at least a file information and said at least a directory information;

(e) deleting an unused file of said storage device and storing another basic input output system file to said storage device in response to a second triggered signal;

(f) redisplaying said at least a file information and said at least a directory information;

(g) selecting a demanded basic input output system (BIOS) file from said at least a file information and said at least a directory information; and

(h) reprogramming said demanded basic input output system (BIOS) file into said basic input output system (BIOS) memory by means of executing a burn-in program.

17. The method according to claim 16, wherein said second triggered signal is produced by means of pushing a hot key.

18. The method according to claim 17, wherein said hot key is disposed on a basic input output unit.

19. The method according to claim 18, wherein said basic input output unit is a keyboard.

20. The method according to claim 16, wherein said indexing data is stored in a storage device.

21. The method according to claim 20, wherein said indexing data is one

selected from a group consisting of a file allocation table (FAT), a root directory, a file description block and a relative index of a medium.

22. The method according to claim 20, wherein said storage device is one selected from a group consisting of a floppy disk (FD), a hard disk (HD), a compact disk (CD), a ZIP disk, an LS-120 disk and a tape.

23. The method according to claim 20, wherein said algorithm operation is a relative operation of said storage device.

24. The method according to claim 16, wherein said burn-in program is stored in a storage device.

25. The method according to claim 1 further comprising a step of:

(i) rebooting said computer system and executing said reprogrammed computer program for initializing said computer system.

26. The method according to claim 16, wherein said burn-in program is executed in response to a third triggered signal.

27. The method according to claim 16, wherein said file information includes a file name, a file size and a stored date of said basic input output system (BIOS) file.

28. The method according to claim 16, wherein said first triggered signal is a data defined by said computer program stored in said basic input output system (BIOS) memory.

29. The method according to claim 16, wherein said directory information includes a directory name and a created date thereof.